

ABSTRACT OF THE DISCLOSURE

A rapid feed paintball loader for use upon a conventional paintball gun. The rapid feed paintball loader includes a container for holding a plurality of paintballs. At a bottom portion of the container is a rotatable drive cone having a plurality of vertical fins. Each fin forms a gap with an adjacent fin large enough to accommodate a paintball. At the bottom of the container is an exit tube which exits from the bottom portion of the container and leads to an inlet tube of the paintball gun. A tube extension is mounted on an interior surface of the container adjacent to the sloped exit portion of the exit tube. The tube extension is mounted at a height which is above the top feed surface of the fins, and which is approximately equal to the radius of a paintball. A pivotable deflector is also mounted on an interior surface of the container adjacent the tube extension to prevent paintball jams from occurring within the interior of the container. The deflector is positioned above the top feed surface of the fins and below the height of the tube extension. The paintball loader also includes a microprocessor to variably control the rotational speed of the drive cone.